Session I

Innovative Approaches in Colorectal Cancer Early Detection
Chair: Hermann Brenner

12:40 – 13:00 Frank Kollias
Hospital Großhadern, University of Munich
Using Targeted Mass Spectrometry to Identify a Plasma-Based Protein Marker Panel for Colorectal Cancer Risk Determination

13:20 – 13:40 Markus F. Neurath
University Hospital, Erlangen
A Pilot Study for Identification of Serum Markers for Colorectal Polyps

13:40 – 14:00 Hans Jørgen Nielsen
Hvidovre Hospital, University of Copenhagen
Development of a Screening Concept for CRC Based on Biological Markers in Blood

14:00 – 14:20 Coffee Break

14:20 – 14:40 Friedrich-Wilhelm Tiller
Hospital Großhadern, University of Munich
Probing of Tandum Mass Spectrometry as a Non-Innoucochemical Reference Method for Hb Quantification in Feces

14:40 – 15:00 Polly A. Newcomb
University Hospital, Cleveland
Imaging of the Colon: State of the Art

15:00 – 15:20 Dieter Albrecht
Tumour DNA
Non-Invasive Analysis of the Cancer Genome Using Circulating Tumour DNA

15:20 – 15:40 Coffee Break

15:40 – 16:00 Joachim P. Spatz
University of Heidelberg
Max Planck Institute for Intelligent Systems, Stuttgart and University of Stuttgart
Properties in the Intestine
Inflammation is Essential for Microbial-Induced Carcinogenic Properties in the Intestine

16:00 – 16:20 Wilko Weichert
Cancer Research UK Cambridge Institute, University of Cambridge
Genome-Wide Studies of Gene-Dietary Interactions and Colorectal Cancer Risk

16:20 – 16:40 Davina Gale
King’s College London
Aspirin and Vitamin D in Cancer Prevention: The Evidence Today

16:40 – 17:00 Christian Jobin
New York University School of Medicine
Human Gut Microbiome, Fiber Intake, and Colorectal Cancer Risk: Switching Diets between High Fiber Intake Americans and Low Fiber Intake Africans

17:00 – 17:20 Coffee Break

Session II

Monitoring Progression and Early Detection of Colorectal Cancer
Chair: Dirk Jäger

17:20 – 17:40 Niels Halama
National Center of Tumor Diseases and Cell Research Institute, Germany
Tumour DNA
Non-Invasive Analysis of the Cancer Genome Using Circulating Tumour DNA

17:40 – 18:00 Philipp Beckовое
Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
Carcinoma Diagnostics: Biomarkers and Clinical Impact

18:00 – 18:20 Hans Georg Rammecke
Nordrhein-Westfälisches Krebszentrum, Germany
Peptide Based Immunotherapy of Cancer

18:20 – 19:00 Magnus von Knebel-Doeberitz
Medical University of South Carolina
Genomic and Epigenetic Risk Stratification of Colorectal Cancer

19:00 Welcome Reception at DKFZ

Session III

Hosted by:

19:00 – 20:00 Welcome Reception at DKFZ

Session IV

10:00 – 10:20 Coffee Break

10:20 – 10:40 Coffee Break

10:40 – 11:00 Joachim P. Spatz
Max Planck Institute for Intelligent Systems, Stuttgart and University of Stuttgart
Properties in the Intestine
Inflammation is Essential for Microbial-Induced Carcinogenic Properties in the Intestine

11:00 – 11:20 Mathias Chamaillard
Fred Hutchinson Cancer Research Center, Seattle
The Colon Microbiome Associated with Human Health

11:20 – 11:40 Peer Bork
European Molecular Biology Laboratory, Heidelberg
Diagnostics Potential of Faecal Microbiota Associated with Colorectal Cancer

11:40 – 12:00 Stephen J. D. O’Keefe
Department of Medicine, University of Florida, USA
Colorectal Cancer: A Case Study of New Developments of the Pharmaceutical Industry

12:00 – 12:20 Jürgen Riemann
Executive Board of Directors of the University Hospital Freiburg
Moving Towards Translation Through Personalized Prevention Strategies

12:20 – 12:40 Cornelia Ulrich
German Network Against Colorectal Cancer, Heidelberg
Genomics Engineered Personalized Cancer Immunotherapy

12:40 – 13:00 Coffee Break
Hosted by the National Center for Tumor Diseases (NCT) Heidelberg, the German Cancer Research Center, the Felix Burda Foundation and the German Network Against Colorectal Cancer the 2014 Workshop on Innovation in Prevention, Early Detection and Diagnosis of Colorectal Cancer will bring together academics, scientists, clinicians and leaders of the pharmaceutical industry to share innovations and to discuss and foster new developments in prevention and early detection strategies for colorectal cancer.

Colorectal cancer is not only a major public health burden, but is also effectively preventable. The interdisciplinary workshop will cover state of the art research in colorectal cancer screening and early detection, prevention strategies by anti-inflammatory drugs, genomics, immunology, and gut microbiomics. For a joint approach and optimal exchange of information, the workshop will provide the maximum amount of interaction and discussion through an exciting range of presentations.

We hope that you will join us on June 5th–6th 2014 at our Innovation Workshop in the beautiful city of Heidelberg and strengthen our links in colorectal cancer research.

Best Regards,

Christof von Kalle
Director, Translational Oncology
National Center for Tumor Diseases
Heidelberg

Otmar D. Wiestler
Chairman and Scientific Director
German Cancer Research Center

Dirk Jäger
Director, Medical Oncology
National Center for Tumor Diseases
Heidelberg

Georg Ralle
Secretary General of German Network Against Colorectal Cancer

Christa Maar
CEO Felix Burda Foundation
President of German Network Against Colorectal Cancer

Cornelia Ulrich
Director, Preventive Oncology
National Center for Tumor Diseases
Heidelberg

Otmar Wiestler
Chairman and Scientific Director
German Cancer Research Center

Viktoria Reinhardt
Phone: +49 (0) 6221 56-350 99
Fax: +49 (0) 6221 56-5094
E-mail: viktoria.reinhardt@nct-heidelberg.de

Online-Registration:
www.dkfz.de/ColonWorkshop